



routing space and path and obstacles

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DT Lee, CD Yang, CK Wong - IEEE Transactions on Computers, 1994 - portal.acm.org
 ... layer distance (xy-distance) minimum-bend **path** in optimal ... $O(e \log e)$ time using $O(e \log e)$ **space**. ... Optimal two-terminal **routing**, Integration, the ...
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I Stojmenovic, X Lin - IEEE Transactions on Parallel and Distributed Systems, 2001 - doi.ieeecs.org
 ... The single-**path** approach is also followed in [19 ... to identify the best GPS-based **routing** protocols for ... nodes positioned in a three-dimensional **space** and **obstacles** ...
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Pipe Routing= Path Planning (with Many Constraints)

D Zhu, JC Latombe - ieeexplore.ieee.org
 ... The algorithm computing time **path** L_{∞} of IL5 consists of ... Approximate the free **space** ...
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A Monte-Carlo algorithm for path planning with many degrees of freedom - group of 2 »

J Barraquand, JC Latombe - Robotics and Automation, 1990. Proceedings., 1990 IEEE ..., 1990 - ieeexplore.ieee.org
 ... the traveling salesman problem and the placement/**routing** of VLSI ... is so cluttered that the solution **path** has to ... close to the boundary of the free **space** (or in ...
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Dynamic global path planning with uncertainty for mobile robots in manufacturing

H Hu, M Brady - Robotics and Automation, IEEE Transactions on, 1997 - ieeexplore.ieee.org
 ... in such problems is to find the **route** between two ... **space**, and X is the state **space** (or nodes in ... say described by W . For a predefined **path**, unexpected **obstacles** ...
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Path finding for human motion in virtual environments - group of 3 »

S Bandi, D Thalmann - Computational Geometry: Theory and Applications, 2000 - Elsevier
 ... **obstacles**. A collision free **path** is computed by searching the regions of configuration **space** free of configuration **space** **obstacles**. The ...
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TWIGY-a topological algorithm based routing system - group of 2 »

MT Doreau, P Koziol - Proceedings of the 18th conference on Design automation, 1981 - portal.acm.org
 ... 3. Solution/Physical **Space** Relationship ... These are "conventional" **routing** **obstacles**. ... The task of the Drawer is to find a **path** through the scratchpad maze ...
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[PS] Rectilinear Paths Among Rectilinear Obstacles - group of 6 »

DT Lee, CD Yang, CK Wong - Discrete Applied Mathematics, 1996 - iis.sinica.edu.tw
 ... rst one nding a shortest **path** between two points on a **routing** plane with ... $O(m^2)$
space to represent an mm ... $O(l^2)$ for nding a **path** crossing l grid points. ...
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[PS] **Rectilinear Path Problems among Rectilinear Obstacles Revisited** - group of 7 »
 CD Yang, DT Lee, CK Wong - SIAM J. Comput., 1995 - homepage.iis.sinica.edu.tw
 ... time and **space**. Key words. ... Both measures, the number of bends and the length of a
 rectilinear **path**, are two important factors while **routing** between two ...
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Optimal buffered routing path constructions for single and multiple clock domain systems - group of 10 »

S Hassoun, CJ Alpert, M Thiagarajan - Proceedings of the 2002 IEEE/ACM international conference on
 ..., 2002 - doi.ieeecomputersociety.org
 ... The Fast **Path** algorithm finds the minimum delay source-to-sink buffered **routing**
path, while considering both physical **obstacles** (eg, due to IP, memories, and ...
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6 Mbps over direct **path**; 9 Mbps over two-hop **path**! • Multihop benefit even greater in non-free-space environments. and/or when **routing** around **obstacles** ...

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Place waypoints at every convex corner of the **obstacles** ... Now we are expanding **nodes** according to best estimated total **path cost**. Is it optimal? ...

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the segments of routed wires are regarded as **obstacles** for. the rest of nets. ... If the **routing space** is multi-layer, we assign vias. on tiles. ...ietfec.oxfordjournals.org/cgi/reprint/E89-A/2/448.pdf - [Similar pages](#)[\[PDF\] Magic Tutorial #7: Netlists and Routing](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)Unless you have extra **routing space** in your chip, you may have to make slight re- ... The router tends to have special difficulties with **obstacles** running ...web.mit.edu/magic-vlsi_v7.4/pdfdoc/tut7.pdf - [Similar pages](#)[\[PDF\] A Depth-First-Search Controlled Gridless Incremental Routing ...](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)ing in the available **routing space** without disturbing existing net ... **obstacles** and existing nets in the routing region, and then a search ...www.iccd-conference.org/proceedings/2004/22310086.pdf - [Similar pages](#)

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routing space. This can be done using either the point-based. or the tile-based approach.

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resented by edges; as there is finite **routing space** on the borders, ... with **obstacles**; as

our benchmarks do not contain **obstacles**, this ...

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